STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or.
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE <u>CHECKER</u> <u>VERSION 4.4.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
 U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street,
 Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 10/699/024/1						
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE							
1Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."						
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.						
3Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters , instead.						
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.						
5Variable Length	Sequence(s)contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.						
6PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.						
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.						
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000						
9Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.						
Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence						
Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)						
PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.						
13 Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid						



IFWO

DATE: 10/25/2006 TIME: 11:48:17 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/699,024A

Input Set : E:\10699024.txt
Output Set: N:\CRF4\10252006\J699024A.raw

		APPLICANT: Hussan, Jagir Razak Jainul Abdeen	
5	<120>	TITLE OF INVENTION: Multisequence Data Representation	
		FILE REFERENCE: JP920030152US1	
9	<140>	CURRENT APPLICATION NUMBER: 10/699,024A	
10	<141>	CURRENT FILING DATE: 2003-10-31	
12	<160>	NUMBER OF SEQ ID NOS: 18	@
14	<170>	SOFTWARE: PatentIn version 3.3	
16	<210>	SOFTWARE: PatentIn version 3.3 SEQ ID NO: 1 LENGTH: 10 TYPE: DNA ORGANISM: artificial sequence	(,
17	<211>	LENGTH: 10 $\sim \rho$	٦, ४
18	<2125	TYPE: DNA	J
19	<213 ×	ORGANISM: artificial sequence	
21	<220>	FEATURE:	
22	<223>	OTHER INFORMATION: chemically synthesized	
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46	<223>	OTHER INFORMATION: chemically synthesized	
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52	<210>	SEQ ID NO: 4	
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54	<212>	TYPE: DNA	
55	<213>	ORGANISM: artificial sequence	
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		LENGTH: 49	
66	<212>	TYPE: DNA	
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RAW SEQUENCE LISTING DATE: 10/25/2006
PATENT APPLICATION: US/10/699,024A TIME: 11:48:17

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		ccaac	65
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. •	96	<223> OTHER INFORMATION: chemically synthesized	
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	141	gctactgggt aatagcagac gcgcgcgcg agcgcgacca gtgaaataaa aaaacgcgcg	60
		cgcgacagga gtaggccttc tactataact gattac	96

RAW SEQUENCE LISTING DATE: 10/25/2006
PATENT APPLICATION: US/10/699,024A TIME: 11:48:17

Input Set : E:\10699024.txt

Output Set: N:\CRF4\10252006\J699024A.raw

146 <210> SEQ ID NO: 11 147 <211> LENGTH: 97 148 <212> TYPE: DNA 149 <213> ORGANISM: artificial sequence 151 <220> FEATURE: 152 <223> OTHER INFORMATION: chemically synthesized .154 <400> SEQUENCE: 11 - 155 cagtaategg actecagege gegegegaag gageggtgag gegaaataat gaaaacaggg 60 157 ctacgcctgc aaataactaa atactataca ttcttac 97 160 <210> SEQ ID NO: 12 161 <211> LENGTH: 112 162 <212> TYPE: DNA 163 <213> ORGANISM: artificial sequence 165 <220> FEATURE: 166 <223> OTHER INFORMATION: chemically synthesized 168 <400> SEQUENCE: 12 169 caaattgtag gggagcgcgc gcgcgacagg gctacgccaa ccgcgcgcgc gaaataacta 171 aaacctccat actatatatc attaccttac aagacgctta tgcaagggct ac 1874 <210> SEQ TD NO: 13 175 <211> LENGTH: 95 176 <212> TYPE: DNA 177 <213> ORGANISM: artificial sequence 179 <220> FEATURE: 180 <223> OTHER INFORMATION: chemically synthesized 182 <400> SEQUENCE: 13 183 cacgggacga aagtaattcg tagggggcgc gcgcgcgaaa taagaaaaac aggcctaagc 60 185 cttccgcgcg cgcggctatg cggcgaaatc cgagc 95 188 <210> SEQ ID NO: 14 189 <211> LENGTH: 33 190 <212> TYPE: DNA 191 <213> ORGANISM: artificial sequence 193 <220> FEATURE: 194 <223> OTHER INFORMATION: chemically synthesized 196 <400> SEQUENCE: 14 197 gctactgggt aatagcagag agcgcgacca gtg 33 200 <210> SEQ ID NO: 15 201 <211> LENGTH: 33 202 <212> TYPE: DNA 203 <213> ORGANISM: artificial sequence 205 <220> FEATURE: 206 <223> OTHER INFORMATION: chemically synthesized 208 <400> SEQUENCE: 15 209 cagtaatcgg actccagaag gagcggtgag gcg 33 212 <210> SEQ ID NO: 16 213 <211> LENGTH: 36 214 <212> TYPE: DNA 215 <213> ORGANISM: artificial sequence 217 <220> FEATURE:

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/699,024A

DATE: 10/25/2006 TIME: 11:48:17

Input Set : E:\10699024.txt

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220 <400> SEQUENCE: 16

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36

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229 <220> FEATURE:

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232 <400> SEQUENCE: 17

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236 <210> SEQ ID NO: 18

237 <211> LENGTH: 48

See item# 10 or ervon summy

Per sequence kules, L2137 response L2137 response has to be either has to be either Artificia () Unknown Artificia () Species, or genus / species, 241 <400> SEQUENCE: 18
242 cacgggacga aagtaattcg taggggggct atgcggcgaa atccgagc

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/699,024A

DATE: 10/25/2006 TIME: 11:48:18

Input Set : E:\10699024.txt

Output Set: N:\CRF4\10252006\J699024A.raw